

# Distribution of computer and information technology content



First Term of the year  
**2024 /2025**



## Distribution of computer and information technology content For 2<sup>nd</sup>.Prep **2024 / 2025** - First Term

Month	Week & Date	Topic	Accompanying Activities
September 2024	1 21/9/2024	• Web sites	<ul style="list-style-type: none"> <li>• The concept recognizes (website – Home/web page)</li> <li>• conclude that Website consists of one or more pages</li> </ul>
	2 28/9/2024		<ul style="list-style-type: none"> <li>• Conclude web pages components (text – image – Video – Hyperlink)</li> <li>• Recognize the concept of a static web page</li> <li>• Recognize the concept of Dynamic web page</li> </ul>
October 2024	3 5/10/2024	• Stages of designing and creating website	<ul style="list-style-type: none"> <li>• Differentiate between stages of designing and creating website</li> <li>• Paint a simple outline on paper includes web pages</li> <li>• Design sketches for Web pages, "My school site."</li> <li>• Look for the required texts for different web pages.</li> <li>• Capture images to school classes labs playgrounds</li> <li>• Save images as files within a storage units</li> </ul>
	4 12/10/2024		
		• Creating and processing audio files  <b>Enrichment</b>	<ul style="list-style-type: none"> <li>• Prepare and equip for audio file</li> <li>• Record voice comments using Audacity program in the creation and processing of sound</li> <li>• Modify the audio clip to add effect</li> <li>• Adjust the sound clips (cut-and-paste / delete)</li> <li>• Put effects on one sound clips</li> <li>• Sound comes to file with appropriate (MP3 – Wav)</li> </ul>
		• Creating and processing video files  <b>Enrichment</b>	<ul style="list-style-type: none"> <li>• Import files (images / sound) using Open-shot program in editing and processing of video files</li> <li>• Create videos inside video processing program files</li> <li>• Adjust the video scenes</li> <li>• Save video project file</li> <li>• Add effects to scenes video</li> <li>• Add (transitions / text) to watch the video</li> <li>• To issue a video file with appropriate extinction.</li> </ul>
October 2024	5 19/10/2024	• HTML coding languages • Key Concepts	<ul style="list-style-type: none"> <li>• Definition of the language HTML</li> <li>• HTML commands</li> <li>• Rules basic Web site using HTML to create a page</li> <li>• About structure to create web page using HTML</li> <li>• Add title of web page about it &lt;title&gt; ....&lt;/title&gt;</li> </ul>
	6 26/10/2024		

November 2024	7 12/11/2024	<ul style="list-style-type: none"> <li>• Add the content to the web page</li> </ul>	<ul style="list-style-type: none"> <li>• Add text to the web page</li> <li>• Change the direction of the web page using the property dir</li> </ul>
	8 9/11/2024	<ul style="list-style-type: none"> <li>• Formatting web page</li> </ul>	<ul style="list-style-type: none"> <li>• The beginning of writing of a new line thing &lt;br&gt;</li> <li>• Centering text about it &lt;center&gt; . &lt;/center&gt;</li> </ul>
	9 16/11/2024	<ul style="list-style-type: none"> <li>• Cont. formatting web page</li> <li>• Formatting web page background</li> </ul>	<ul style="list-style-type: none"> <li>• Add a blank space between words matter &amp;nbsp;</li> <li>• Determine the background color of the web page characteristic bgcolor</li> <li>• Put a picture as the background of the web page characteristic background</li> </ul>
	10 23/11/2024	<ul style="list-style-type: none"> <li>• Formatting font in the web page</li> </ul>	<ul style="list-style-type: none"> <li>• Command &lt;font&gt; .. &lt;/font&gt; to coordinate the Line</li> <li>• Commands &lt;u&gt; , &lt;b&gt; , &lt;i&gt; to change the font style</li> </ul>
	11 30/11/2024	<ul style="list-style-type: none"> <li>• Adding multimedia to web page</li> </ul>	<ul style="list-style-type: none"> <li>• insert image within a web page about it &lt;img&gt;</li> <li>• Control the dimensions of the image web page height property and property width</li> <li>• The alignment of the image within the page characteristic Align</li> </ul>
December 2024	12 7/12/2024	<ul style="list-style-type: none"> <li>• Cont. adding multimedia to web page.</li> </ul>	<ul style="list-style-type: none"> <li>• The inclusion of audio sounds as a backdrop blight thing &lt;bgsound&gt;</li> <li>• Video inclusion within the page about it &lt;embed&gt;</li> </ul>
	13 14/12/2024	<ul style="list-style-type: none"> <li>• Hyperlink</li> </ul>	<ul style="list-style-type: none"> <li>• Insert Hyperlink text of web page about &lt;a&gt; .. &lt;/a&gt;</li> <li>• A hyperlink to the image of the inclusion of the Web page about it &lt;a&gt; .. &lt;/a&gt;</li> </ul>
	14 21/12/2024	<ul style="list-style-type: none"> <li>• Creating the project "Myschool site"</li> </ul>	<ul style="list-style-type: none"> <li>• Create web page "Home"</li> <li>• Create web page "about the school."</li> <li>• Create web page "photo album"</li> <li>• Creating web "contact" page</li> </ul>
December 2024 – January 2025	15 28/12/2024	General Review – practical tests	
	16 4/1/2025		

**Teacher**

**Supervisor**

**School Principal**

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## Distribution of computer and information technology content For 3<sup>rd</sup>.Prep 2024 / 2025 - First Term

Month	Week & Date	Topic	Accompanying Activities
September 2024	1 21/9/2024	<ul style="list-style-type: none"> <li>• Problem solving</li> <li>• Problem solving stages</li> </ul>	<ul style="list-style-type: none"> <li>• Arrange the problem solving stages</li> <li>• Develop problem solving stages to problems in real life</li> </ul>
	2 28/9/2024	<ul style="list-style-type: none"> <li>• Flow chart</li> <li>• Simple flow charts</li> <li>• Exercise (1-1) flow chart to adding two numbers</li> <li>• Exercise (1-2) solving the equation of the first degree <math>2+3x=Y</math></li> </ul>	<ul style="list-style-type: none"> <li>• Write the definition of flow charts</li> <li>• Mention the instruction to draw flow chart</li> <li>• Activity (1-1) draw a flow chart to calculate the perimeter and area of rectangle</li> <li>• Activity (1-2) draw a flow chart to calculate an area of a circle</li> <li>• Activity (1-3) draw a flow chart to calculate the years number with the knowledge of months number</li> </ul>
October 2024	3 5/10/2024	<ul style="list-style-type: none"> <li>• Using (decision) on the flow chart .</li> <li>• Exercise (1-3) drawing a flow chart to print “succeed” if the degree of more than or equal 50</li> <li>• Exercise (1-4) drawing a flow chart to print the result of divided two numbers if the divisor equal 0 and print “not defined”</li> </ul>	<ul style="list-style-type: none"> <li>• Activity (!-4) draw a flow chart to input two numbers then print “the greater number is “ and “the little number is”</li> </ul>
	4 12/10/2024	<ul style="list-style-type: none"> <li>• Exercise (1-5) draw a flow chart to input number then print the type of number{ even or odd)</li> <li>• Exercise (1-6) draw a flow</li> </ul>	<ul style="list-style-type: none"> <li>• Activity (1-5) draw a flow chart to calculate circle area which has radius R</li> </ul>

		chart to get the temperature and print greater than zero or less than zero or equal zero	
	5 19/10/2024	<ul style="list-style-type: none"> <li>• Using loops in flow chart</li> <li>• Exercise (1-7) print numbers from 1 to 3</li> <li>• Exercise (1-8) modify flow chart using the last exercise to print multiplication table of 3</li> </ul>	<ul style="list-style-type: none"> <li>• Activity (1-6) following the value of the variable j and print the value in every stage</li> <li>• Activity (1-7) draw a flow chart to print even numbers from 1 to 10</li> </ul>
	6 26/10/2024	<p>Exercise (1-9) print the integer number from 1 to 3</p> <ul style="list-style-type: none"> <li>• Solve the exercise of chapter 1</li> </ul>	<ul style="list-style-type: none"> <li>• Activity (1-8) sum of odd numbers from 1 to 10</li> <li>• Activity (1-9) sum of even numbers from 1 to 10</li> </ul>
	7 12/11/2024	<ul style="list-style-type: none"> <li>• Chapter 2</li> <li>• VB.net</li> <li>• Programming and computer memory</li> <li><b>Enrichment</b></li> <li>• VB.net and Framework.NET</li> <li>• VB.net and IDE</li> </ul>	<ul style="list-style-type: none"> <li>• Drawing sketch to GUI of IDE</li> </ul>
November 2024	8 9/11/2024	<ul style="list-style-type: none"> <li>• Solve the exercise of chapter 2</li> </ul>	<ul style="list-style-type: none"> <li>• Activity (2-1)</li> </ul>
	9 16/11/2024	<ul style="list-style-type: none"> <li>• Chapter 3 (controls properties)</li> <li>• Form</li> <li>• Set properties (Text) and (Name)</li> </ul>	<ul style="list-style-type: none"> <li>• Set properties of the form FormBorderStyle) (MaximizeBox),(ControlBox) ,(BackColor),(MinimizeBox), , (RightToLeft),(RightToLeftLayout) <b>enrichment</b> (WindowState) <b>Enrichment</b></li> </ul>
	10 23/11/2024	<p>Button</p> <ul style="list-style-type: none"> <li>• Set properties (size-location)</li> </ul>	<ul style="list-style-type: none"> <li>• Draw (button) on the form.</li> <li>• Change the button place on the form.</li> </ul>



		<ul style="list-style-type: none"> <li>• Set properties (font-back color-forecolor) Label</li> <li>• Set properties (border style –Auto Size) Text box</li> <li>• Set properties (max length – multiline password Char)</li> </ul>	<ul style="list-style-type: none"> <li>• Set properties front and back color for the button.</li> <li>• Control on the label size.</li> <li>• Control on the outline of the label.</li> </ul>
	11 30/11/2024	List box	<ul style="list-style-type: none"> <li>• Set properties (list box-combo box)</li> <li>• Set properties (Items) – (Selection Mode)– (Sorted)Combo box</li> <li>• Set properties etc Mode</li> <li>• (Auto Complete Source <b>Enrichment</b>)</li> </ul>
	12 7/12/2024	<ul style="list-style-type: none"> <li>• Group box</li> <li>• Radio button</li> <li>• Check box</li> <li>• Solve the exercise of chapter 3</li> </ul>	<ul style="list-style-type: none"> <li>• Put group box twice then draw radio button in each group to know if the user male or female</li> <li>• Draw many check box to know which language the student know.</li> </ul>
December 2024	13 14/12/2024	Chapter4 (code window) <ul style="list-style-type: none"> <li>• Code window</li> <li>• Event handler</li> </ul>	<ul style="list-style-type: none"> <li>• Open the form of code window</li> <li>• Create a processor then press on the button on the code window form.</li> </ul>
	14 21/12/2024	<ul style="list-style-type: none"> <li>• Set the software properties</li> <li>• Solve the exercise of chapter 4</li> </ul>	Set the software properties to the text.
	15 28/12/2024	General review	Create a project using the tools we learned.
January 2025	16 4/1/2025		

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